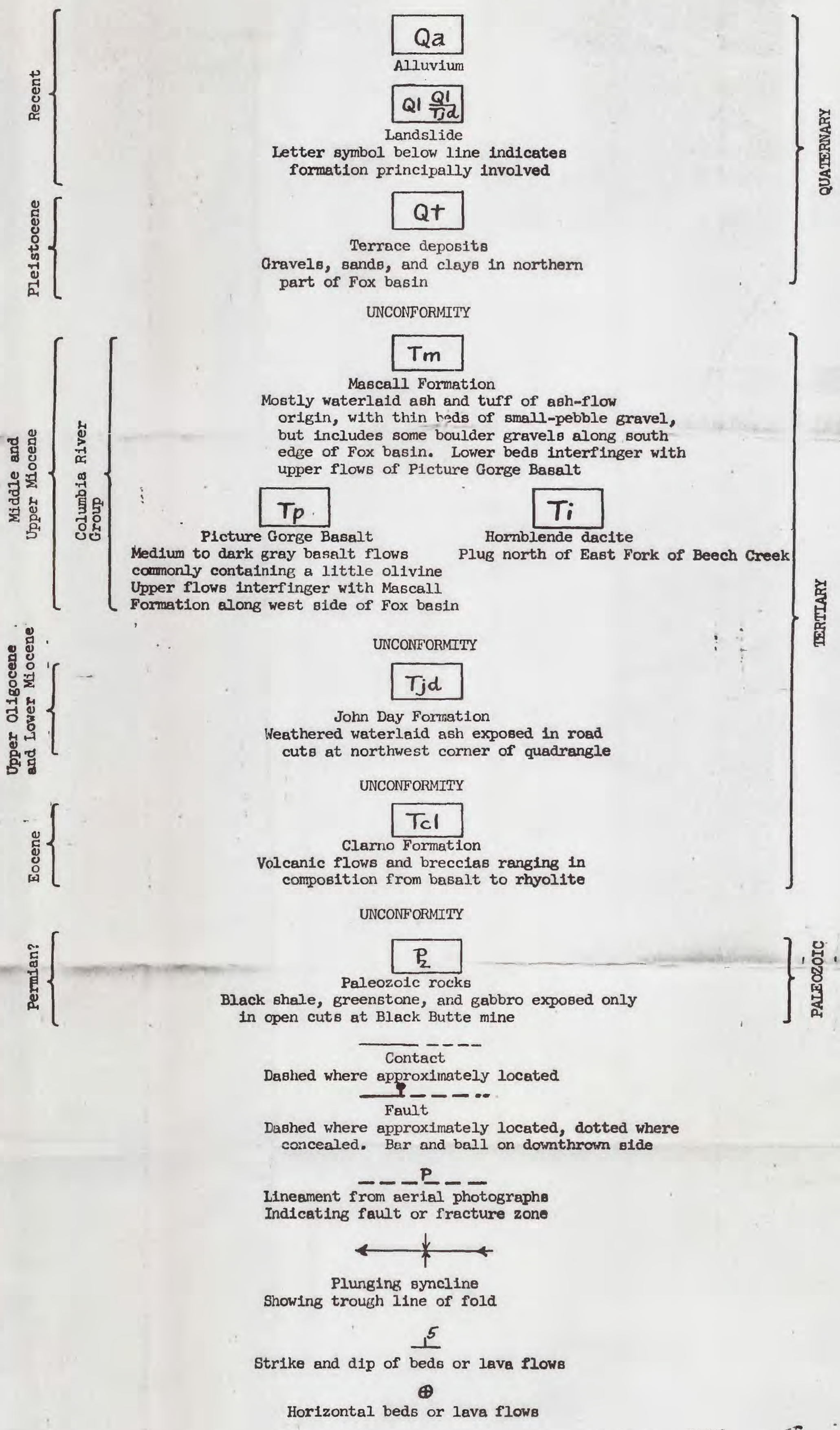
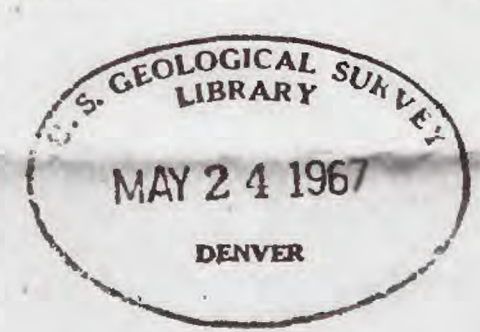


# EXPLANATION (Long Creek Quadrangle)



U.S. Geological Survey  
OPEN FILE MAP  
This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.



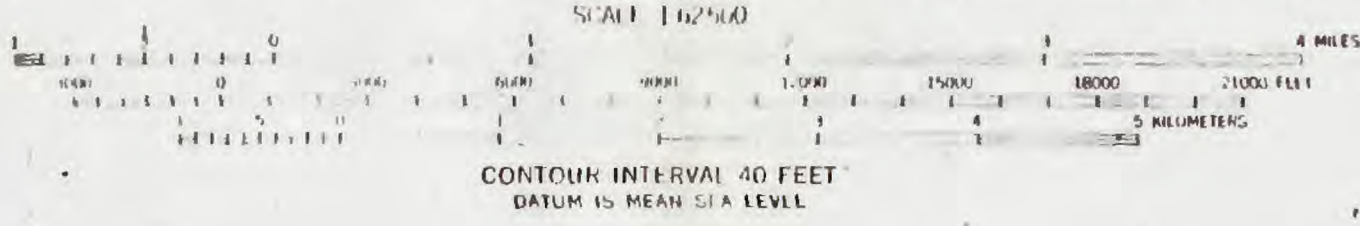
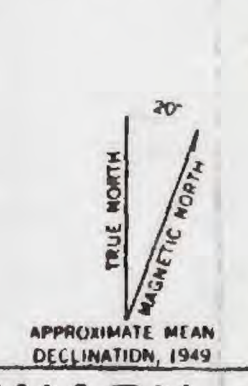


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LONG CREEK QUADRANGLE  
OREGON-GRANT CO.  
15 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey  
Control by USGS, USU&GS, and OSMD  
Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1946 Field check 1949  
Polyconic projection 1927 North American datum  
10,000-foot grid based on Oregon coordinate system  
1000-meter Universal Transverse Mercator grid ticks,  
zone 11, shown in blue  
Dashed land line



ROAD CLASSIFICATION  
Medium duty Light duty  
Unimproved dirt  
U. S. Route

PRELIMINARY GEOLOGIC MAP OF THE LONG CREEK QUADRANGLE,  
GRANT COUNTY, OREGON  
by  
T.P. Thayer and C. Ervin Brown

U.S. GEOLOGICAL SURVEY  
MAY 24 1967  
DENVER

TPR 5-24-67

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